# INTERFACE

## for the Laser Pro Park



VizAlert VizAlert V2

## Warranty & Support

**Warranty Registration**
Register online at ***www.SpeedCheetah.com***

**Limited Warranty**
Cheetah Advanced Technologies Ltd. warrant our products against all defects in materials and workmanship for a period of **one year** from the date of the original purchase. Full warranty terms and conditions available online at:
***www.SpeedCheetah.com***

**Service & Support**
If for any reason your Cheetah product develops a fault, please check our Customer Service page on:

**USA & Canada** - visit ***www.GPSdetector.com***

**Europe & Rest of World** - visit ***www.SpeedCheetah.com***

If any problems persist, or to arrange a product return, please email ***support@SpeedCheetah.com***

Cheetah Advanced Technologies Ltd. declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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## 1. Pack Contents

1 x LASERnode wireless transmitter
1 x Cheetah connector cable for the Laser Pro Park
1 x Waterproof handlebar kill switch with cable tie
1 x POWERSENSEnode engine running sensor
1 x In-line fuse unit (3 Amp)
1 x User manual

## 2. The LASERnode Transmitter




The LASERnode is a wireless transmitter (433 Mhz) that connects up to your jammer's control box (speaker + power sockets). When your laser jammer gives an alert, the LASERnode digitally analyzes the buzzer tones and instantly transmits a radio code to the VizAlert display in your helmet, triggering an immediate jammer alert.

The small flying lead with half a bullet connector at the end (plastic sheathed) is an over-ride cable for connecting to a Cheetah Radar Detector Interface.

## 3. Original LPP Wiring Loom



Please note, this Cheetah wireless kit will replace the wiring loom that is supplied with your original LPP system.

We recommend you keep the LPP loom safe for reprogramming any of the LPP settings.


WARNING
WARNING
WARNING
WARNING
Jam, slow down, then switch off.
DON'T JAM ALL THE WAY TO THE LASER GUN!
When you shut off the jammer, police laser is able to record your speed again. Let it!

## 4. Installing the Laser Pro Park on your motorcycle

Instal the LPP as shown in the wiring diagram on the right. All Cheetah parts use our 2-pin mini connectors that push-fit together and lock securely. To unclip, press the lever down and pull them apart.

**4.1 Fit the laser jammer head(s)** on the front (and back) of the motorcycle. Safely route their cables to the cavity area underneath the seat and connect the head(s) to the LPP CPU.

INSTAL TIP: The LPP CPU is not waterproof! Keep it under the seat, in a plastic bag or waterproof container.

**4.2 Connect the LASERnode transmitter to the LPP CPU.** It is essential that the Cheetah connector cable links to your jammer in two places; **the buzzer** - to digitally analyze jammer tones during alerts, and **the power cable** - to sense voltage changes during alerts. The red LPP cable must be connected to the red junction block of the Cheetah cable.

**4.3 The Cheetah connector cable has a status LED** to confirm when the jammer is on and off. It's a good idea to keep this LED visible somewhere you can check it easily, either near the seat area or next to the dials. During alerts it will change from green to red to act as a secondary warning confirmation.

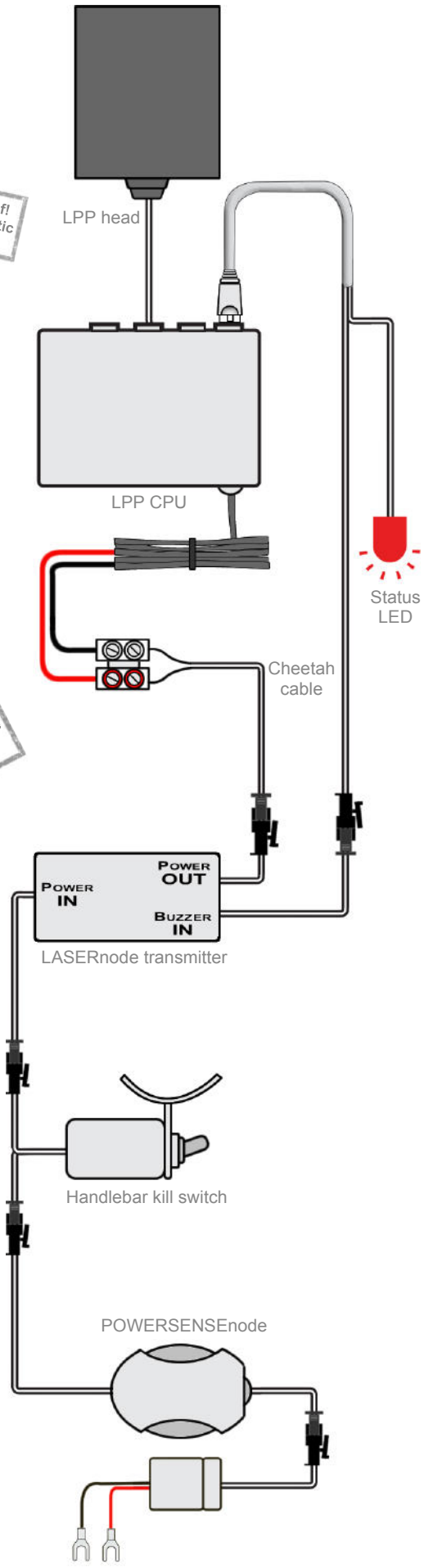
**4.4 Connect the handlebar switch to the LASERnode.** The kill switch must be connected between the POWER-IN socket of the LASERnode and the POWER-SENSEnode. Secure the kill switch to the handlebar or hand grip using the cable tie provided.

**4.5 Connect the POWERSENSEnode and fuse pack directly to the battery terminals.** RED is positive, BLACK is negative. There is no need to remove the leads from the battery. Just loosen the nut on the clamp, slide in the spade terminal, and re-tighten the nut. Two POWERSENSEnodes can be attached to the same battery.

INSTAL TIP: Secure cables to the bike where you can. Avoid contact with high temperature engine components or the exhaust system!

**4.6 Plug the POWERSENSEnode into the handlebar switch** to complete the circiut.

**4.7 OPTIONAL** - Connect the small flying lead with the bullet connector to the similar over-ride cable on the Cheetah RADARnode transmitter for your radar detector.




## 5. Using the VizAlert & Laser Pro Park

**5.1 Starting up your system -** The laser jammer and VizAlert display work independently.

The POWERnode attached to the battery will automatically turn on the power to the LASERnode transmitter and laser jammer when you start your motorcycle's engine. It will remain on for as long as the engine is running. The status LED on the Cheetah connector cable will let you know what the LPP system is doing - please refer to the LPP manual for further details.

The VizAlert is motion sensitive. The VizAlert V2's battery pack has a sliding ON/OFF switch. All 6 LEDs will flash once, at the same time, to confirm it is switched on.

When you power up your jammer, the LASERnode will begin to transmit. When the wireless link has been established, the VizAlert's 6 LEDs will flash in a circular sequence. If you do not see this, check the jammer is on at the handlebar kill switch.

**5.2 Testing your system -** Trigger the parking sensor alert.

**5.3 Alerts -** For jammer alerts, the VizAlert display flashes it's Red LED rapidly. Please refer to the VizAlert manual for details of other alerts.

**5.4 Switching off your system -** The handlebar kill switch can be used to shut down your jammer whilst riding along, when required. DO NOT "JAM TO GUN."

When you switch off your engine, power to the LASERnode transmitter and laser jammer is automatically switched off.

The VizAlert is motion sensitive and switches off after 10 minutes of no movement. The VizAlert V2's battery pack has a sliding ON/OFF switch and an automatic shut off, if you happen leave it on by accident.